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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/816,584	03/30/2004	Nicholas Nam	384938062US	8415

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EXAMINER

TRINH, TAN H

ART UNIT	PAPER NUMBER
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2618

DATE MAILED: 11/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/816,584

Applicant(s)

NAM, NICHOLAS

Examiner

TAN TRINH

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 February 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 07-01-2004 and 09-09-2005, the information disclosure statement has been considered by the examiner.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Tsukamoto (U.S. Pub. No. 2003/0050059).

Regarding claim 1, Tsukamoto teaches a system for handling images or video (see fig. 1, images A B C, page 1, sections [0007-0008]), the system comprising: an interface included in a mobile device (see figs. 1 and 2, radio external interface 107 of mobile phone 1, page 1, sections [0007-0008]); an external device coupled to the interface (see fig. 1, external device (mobile phone 2-n), coupled to the mobile phone 1, page 2, section [0024]); and a signal included in at least one of the interface and the external device (see fig. 1, the external interface signal coupling via external device is instance Bluetooth, page 2, sections [0014 and 0024]), the signal representative of images or video (see fig. 1, images data ABC and “notebook personal computer” as displayed on the display screen, page 2, section [0025]), wherein the signal is outputted from the interface and is in a video format for display or storage at the external device

(see fig. 1, images data ABC and “notebook personal computer” as displayed on the display screen on external device (mobile phone 2-n), page 2, sections [0014 and 0025]), or the signal is outputted from the external device and is in a video format for display or storage at the mobile device (see fig. 1, images data ABC and “notebook personal computer” as displayed on the mobile phone 1, page 2, section [0025] and page 4-5, sections [0069]).

Regarding claim 2, Tsukamoto teaches the system of claim 1. Tsukamoto further wherein the external device is a device selected from a group including television, a monitor, a video tape recorder (VTR), a video cassette recorder (VCR), a recordable DVD unit, and a device compatible with video formats (see fig. 1, page 2, section [0014] and page 5, section [0070]. Since a mobile phone with images display is a device compatible with video format).

Regarding claim 3, Tsukamoto teaches the system of claim 1. Tsukamoto further teaches wherein the mobile device is a device selected from a group including a cellular telephone, a personal digital assistant (PDA), a game console, a digital camera, a digital camcorder, and a portable computing device (see fig. 1, page 2, section [0024] and page 5, sections [0070 and 0072]).

Regarding claim 4, Tsukamoto teaches the system of claim 1. Tsukamoto further teaches a wireless transceiver included in the mobile device and in communication with the interface, wherein the signal is outputted from the interface or the external device for transmission at the

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wireless transceiver (see figs. 1-2, external radio unit 107 (wireless transceiver), page 2, sections [0024 and 0029]).

Regarding claim 5, Tsukamoto teaches the system of claim 1. Tsukamoto further teaches a wireless transceiver included in the mobile device and in communication with the interface, wherein the signal is received from the wireless transceiver (see figs. 1-2 and 7, external radio unit 107 (wireless transceiver), page 2, sections [0024 and 0029] and page 4-5, sections [0069-0070 and 0072]).

Regarding claim 6, Tsukamoto teaches the system of claim 1. Tsukamoto further teaches wherein the signal outputted to the external device can be simultaneously displayed or stored at the external device and at the mobile device (see fig. 1, external device and mobile device can be simultaneously displayed images data ABC and “notebook personal computer” as displayed on the screen, page 2, section [0025]).

Regarding claim 7, Tsukamoto teaches a mobile device (see fig. 1-2. mobile phones 1-2-n), comprising: an interface (see fig. 2, radio external interface 107 of mobile phone 1, page 1, sections [0007-0008]); a display coupled to the interface (see fig. 2, display 110 coupled to external interface 107, page 2, sections [0014 and 0026]); a processing unit coupled to the interface (see processing unit 102-105 coupled to coupled to external interface 107, page 2, section [0026]); and an image input unit coupled to the processing unit. Tsukamoto teaches that the external device is a camera with camera function provided by using a photo-sensitive element

such as CCD mounted (or attached) in the body of mobile phone picked up by such photo-sensitive element further the data of the stored or moving image is processed by the processing unit and outputted by the interface 107 to a video format compatible device (mobile phone 2-n) for display or storage (see figs. 1-2 and 7, pages 4-5, sections [0069-0070]).

Regarding claim 8, Tsukamoto teaches the system of claim 7. Tsukamoto further teaches wherein the display is configured to simultaneously present the image signals with the video format compatible device (see fig. 1, mobile phone 1, display 102 can be simultaneously displayed images data ABC and “notebook personal computer” as displayed on the screen simultaneously with the video format compatible device (mobile phone 2-n), page 2, section [0025]).

Regarding claim 9, Tsukamoto teaches the system of claim 7. Tsukamoto further teaches a memory coupled to the processing unit, the memory configured to simultaneously store the image signals with the video format compatible device (see ROM 111 and RAM 112 coupled to the processing unit 104, and see fig. 1, the video format compatible device (mobile phone 2-n) and mobile phone 1 can be simultaneously displayed images data ABC and “notebook personal computer” as displayed on the screen or stored, page 2, section [0025 and 0030] and page 5, section 0070)).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tsukamoto (U.S. Pub. No. 2003/0050059) in view of Montebovi (U.S. pub. No. 20040046783).

Regarding claim 10, Tsukamoto further teaches wherein the video format compatible device is a Mobile phone with display for displayed images data, and the camera mounted in the body of the mobile phone (see page 2, section [0014] and page 5, section [0070]). Since this mobile phone display is a device compatible with video formats. But Tsukamoto does not mention the video format compatible device is selected from a group including a television, a monitor, a video cassette recorder (VCR), a video tape recorder (VTR), and a recordable DVD device.

However, Montebovi teaches the video format compatible device is selected from a group including a monitor (see figs. 1-2, a mobile phone 12, and the video format compatible device is a monitor (external display) 14, page 3, sections [0041-0050]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify above teaching of Tsukamoto with Montebovi, in order to provide larger displays or obtain particular visual effects (see Montebovi page 3, section [0045]).

Conclusion

6. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(571) 273-8300, (for Technology Center 2600 only)

*Hand-delivered responses should be brought to the Customer Service Window (now located at the **Randolph Building, 401 Dulany Street, Alexandria, VA 22314**).*

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan Trinh whose telephone number is (571) 272-7888. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiners supervisor, Anderson, Matthew D., can be reached at (571) 272-4177.

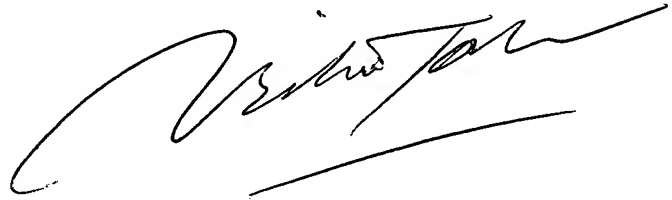
The fax phone number for the organization where this application or proceeding is assigned is **(571) 273-8300**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600 Customer Service Office** whose telephone number is **(703) 306-0377**.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tan H. Trinh
Division 2618
November 21, 2006

PATENT EXAMINER
TRINH, TAN

A handwritten signature in black ink, appearing to read 'Tan H. Trinh', with a long horizontal line extending from the bottom of the signature.